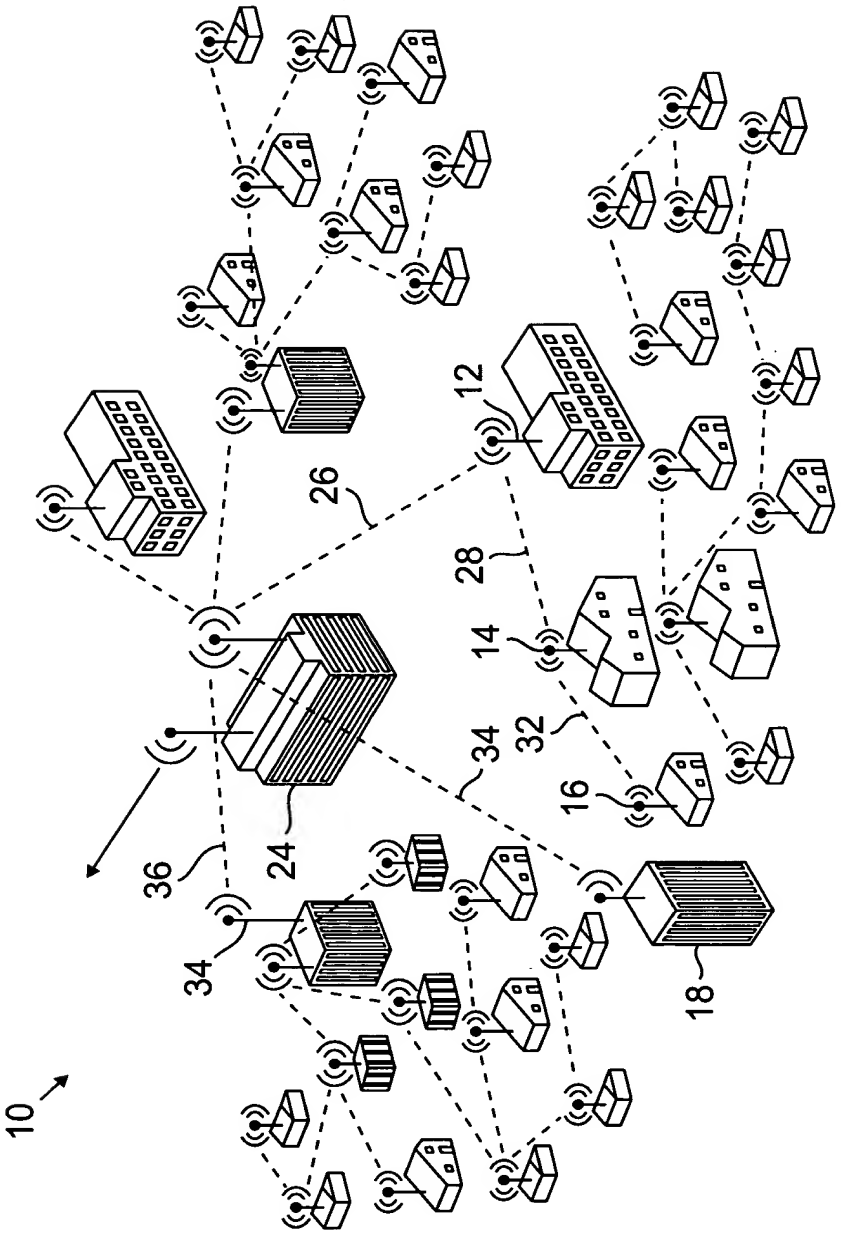

FIG. 1

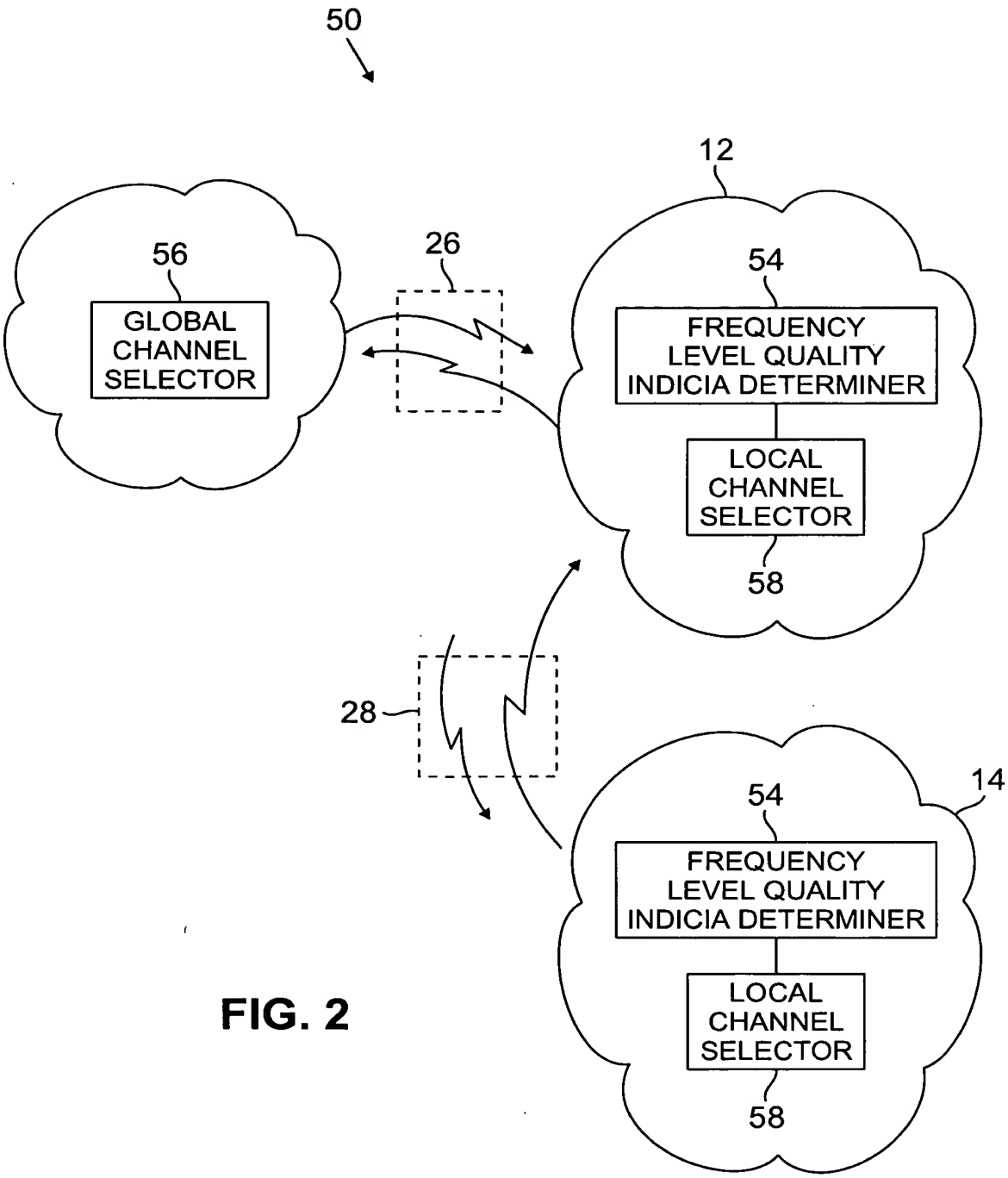

FIG. 2

09/963,436 09/19/2001

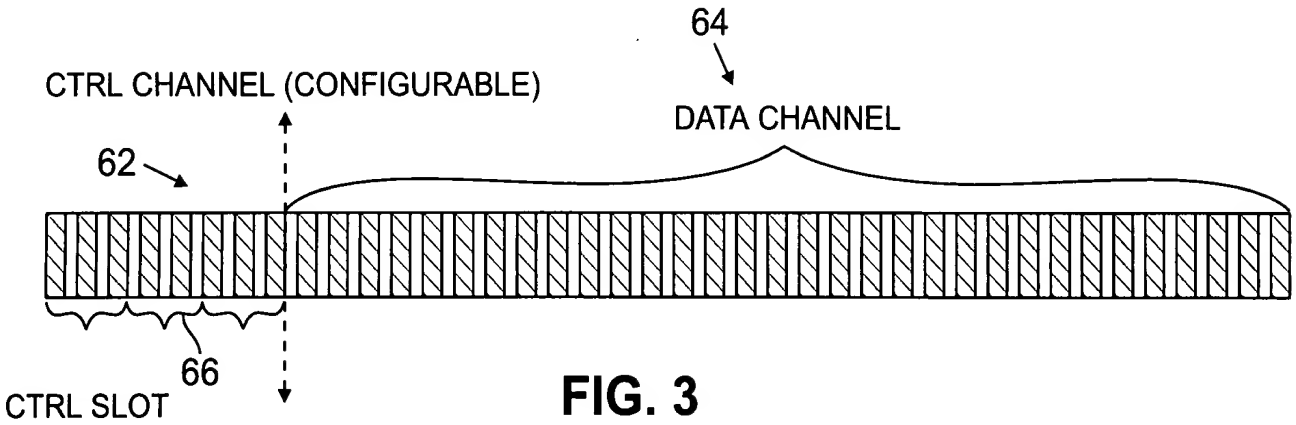

FIG. 3

144

FIG. 15

NAME	LENGTH	PURPOSE
TYPE	3 BIT	DFS PACKET TYPE
SPARE	5 BIT	FOR THE FUTURE USE
FREQUENCY	4 BIT	FREQUENCY TO BE USED IN THE CONTROL CHANNEL
START FRAME	8 BIT	IDENTIFIES THE MAC FRAME

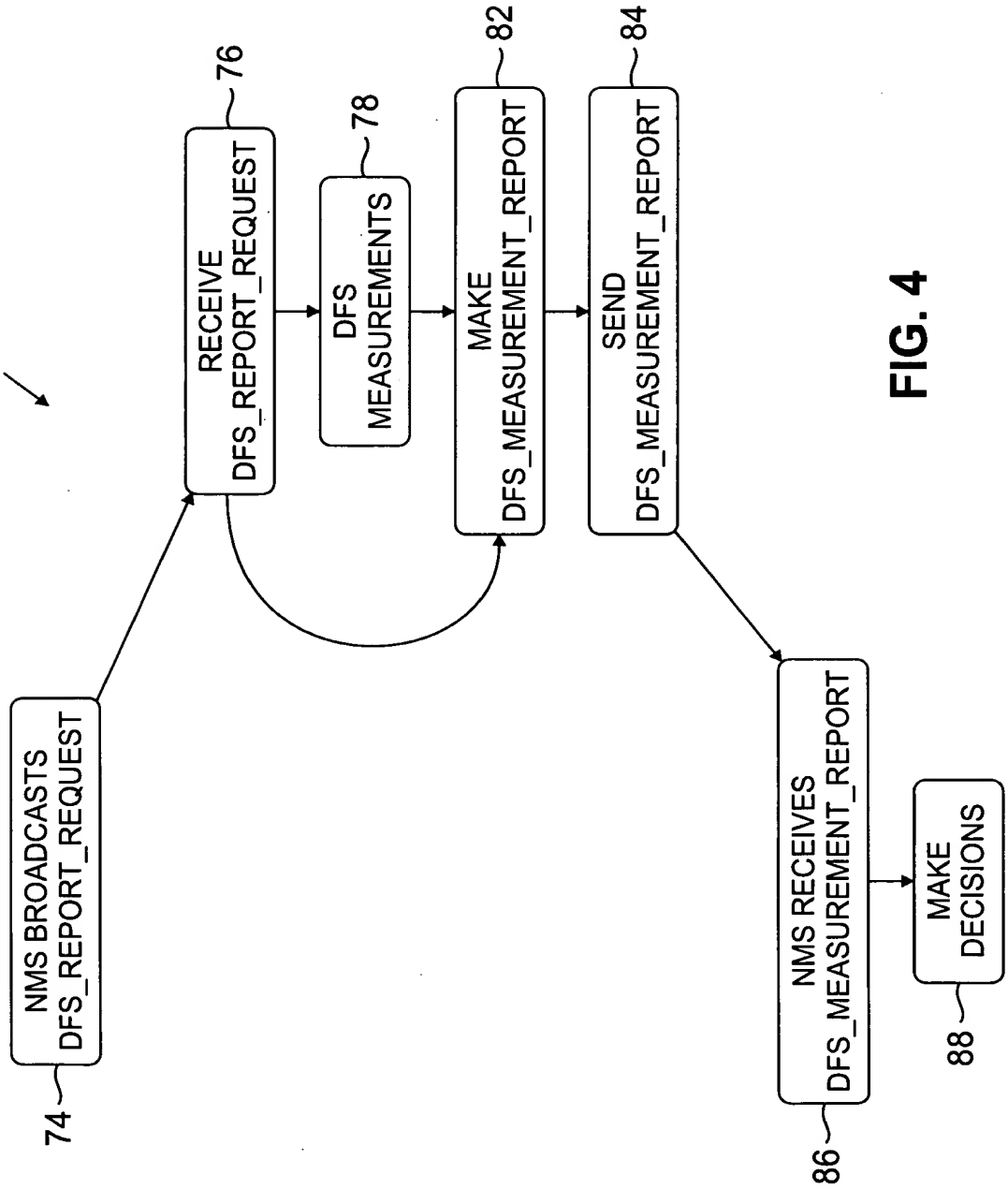
72
NMS BROADCASTS DFS_REPORT_REQUEST
74
RECEIVE DFS_REPORT_REQUEST
76
DFS MEASUREMENTS
78
MAKE DFS_MEASUREMENT_REPORT
82
SEND DFS_MEASUREMENT_REPORT
84
NMS RECEIVES DFS_MEASUREMENT_REPORT
86
MAKE DECISIONS
88

FIG. 4

T0025O" 6ET99260

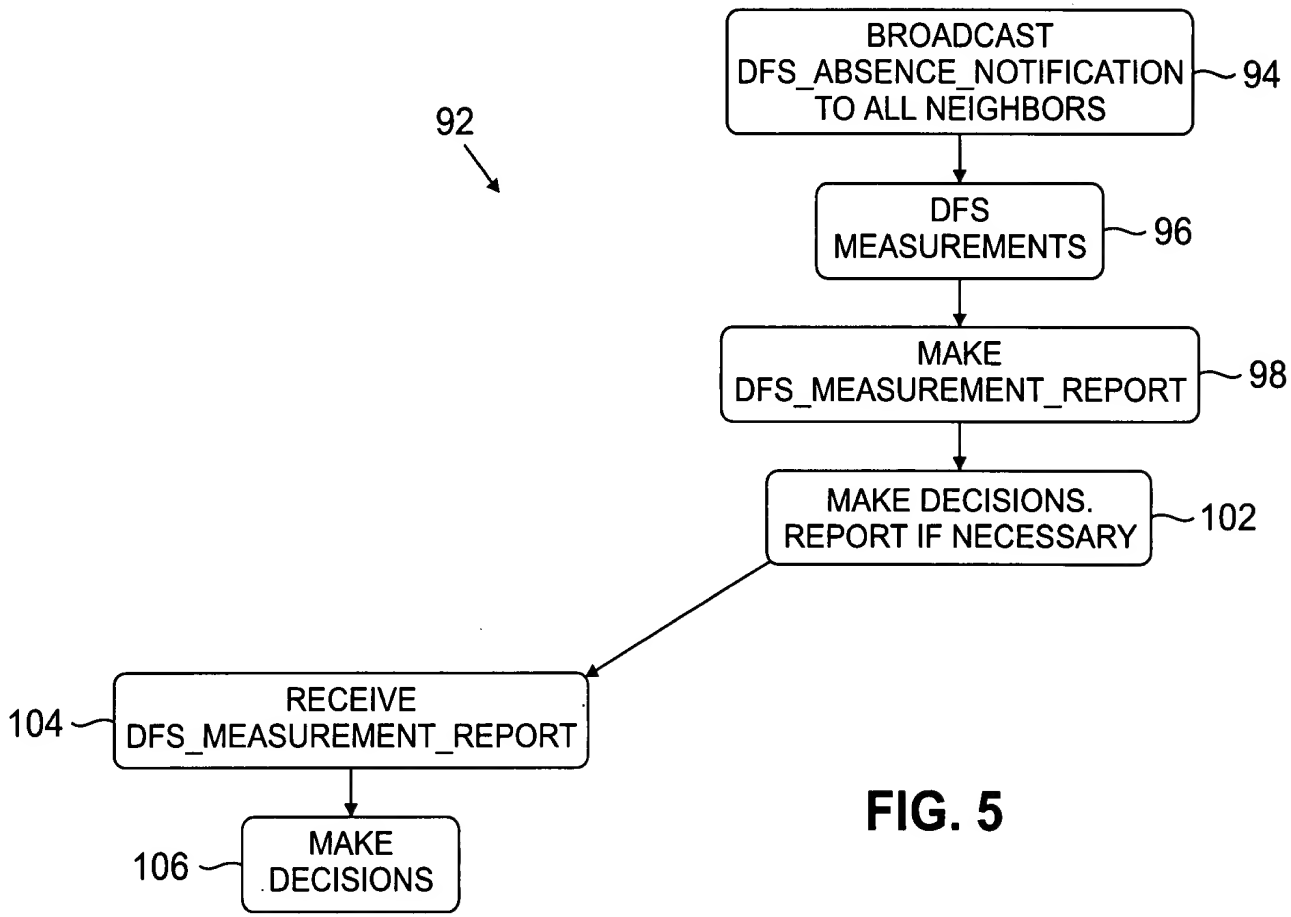

FIG. 5

112

SIGNAL LEVEL NUMBER (SLN0)	RSSO [dBm]	TOLERANCE [dB]
0	SPARE	
1	SPARE	
2	-93	+/-6
3	-91	+/-4
4	-90	+/-4
5	-89	+/-4
6 THROUGH 53	SLNO-94	+/-4
54	-40	+/-3
55	-38	+/-3
56	-36	+/-3
57	-34	+/-3
58	-32	+/-3
59	-30	+/-3
60	-28	+/-3
61	> -26	+/-3
62	SPARE	
63	SPARE	

FIG. 6

EXHIBIT 1009 - Page 6 of 9

114

	f_1	f_2	• • •	f_n
MESH[1] (00/01/10)	00	10	• • •	01
OFFSET[2], IF MESH ≠ 00 (MS)	-	5.3	• • •	2.1
RSSI[3] (CONTROL CHANNEL)	-76	-72	• • •	-50
MAX RSSI (CONTROL CHANNEL)	-70	-69	• • •	-43
RSSI (DATA CHANNEL)	-72	-70	• • •	-45
MAX RSSI (DATA CHANNEL)	-71	-54	• • •	-41

118

FIG. 7

116

	f_1	f_2	• • •	f_n
NEIGHBOR 1	1011000	01110010	• • •	11100101
NEIGHBOR 2	10010101	01110010	• • •	11100101
NEIGHBOR 3	10110010	00110010	• • •	11100101
NEIGHBOR 4	11110010	00110010	• • •	11100101
NEIGHBOR 5	11110010	01110010	• • •	11100101
NEIGHBOR 6	11110010	00110010	• • •	01100101
NEIGHBOR 7	10110010	01110010	• • •	01100101

FIG. 8

Docket No. 030408

120 → 122

NAME	TYPE VALUE
DFS_REPORT_REQUEST	000
DFS_MEASUREMENT_REPORT (CONTROL CHANNEL)	001
DFS_MEASUREMENT_REPORT (DATA CHANNEL)	010
DFS_CHANGE_FREQUENCY	011

FIG. 9

126 →

NAME	LENGTH	PURPOSE
TYPE	3 BIT	DFS PACKET TYPE
SPARE	5 BIT	FOR THE FUTURE USE
FREQUENCY	8 BIT	FREQUENCY INDEXES TO BE REPORTED 1 MEANS MEASURE, 0 NO NEED TO MEASURE, e.g. 01101100

FIG. 10

128 →

NAME	LENGTH	PURPOSE
TYPE	3 BIT	DFS PACKET TYPE
SPARE	5 BIT	FOR THE FUTURE USE
RESULTS	n*34 BIT	RESULTS OF THE MEASUREMENTS, SEE TABLE 7

FIG. 11

EP2053896A1

132

FIG. 12

NAME	LENGTH	PURPOSE
DFS_FREQUENCY	4 BIT	MEASURED FREQUENCY
DFS_RSSI_AVE	8 BIT	AVERAGE RSSI VALUE
DFS_RSSI_MAX	8 BIT	MAX RSSI VALUE
DFS_MESH	2 BIT	MESH ?
DFS_MESH_OFFSET	12 BIT	TIME OFFSET

136

FIG. 13

NAME	LENGTH	PURPOSE
TYPE	3 BIT	DFS PACKET TYPE
SPARE	5 BIT	FOR THE FUTURE USE
RSSI	34*N BIT	RSSI MEASUREMENTS, ONE RSSI MEASUREMENT ENTRY IS DESCRIBED IN TABLE 9. N IS NUMBER OF MEASURED FREQUENCIES

142

FIG. 14

NAME	LENGTH	PURPOSE
DFS_FREQUENCY	4 BIT	MEASURED FREQUENCY
DFS_RSSI_AVE	8 BIT	AVERAGE RSSI VALUE
DFS_RSSI_MAX	8 BIT	MAX RSSI VALUE
DFS_MESH	2 BIT	MESH ?
DFS_MESH_OFFSET	12 BIT	TIME OFFSET

0596436-030504